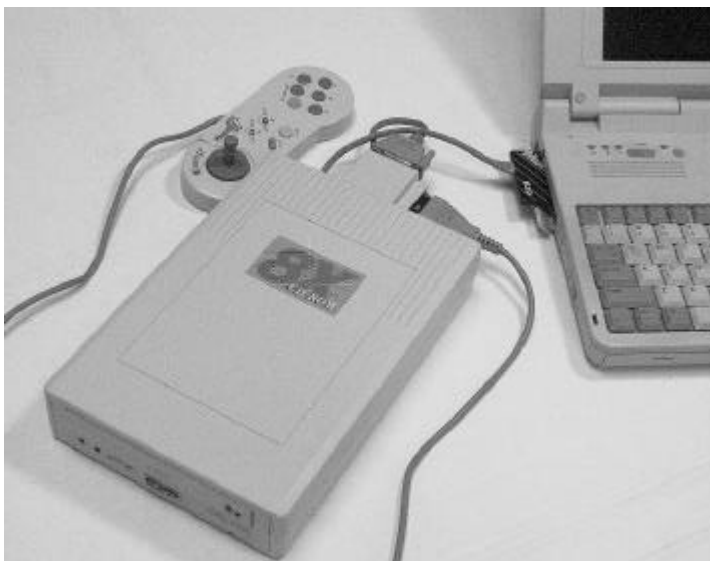


CDG-821 USER'S MANUAL



EXP COMPUTER, INC.

EXP COMPUTER, INC.
EXP MEMORY PRODUCTS.
NON-TRANSFERABLE LIMITED WARRANTY

EXP COMPUTER INC., AND EXP MEMORY PRODUCTS("EXP") warrants that the Quadruple Speed Portable CD-ROM("products") manufactured or distributed by EXP to be free from failures due to defects in materials or workmanship for full one year from the date of purchase of the products.

This warranty is void if the product is damaged by abnormal or improper use or by accident, abuse or if any attempt to repair or modify the product without authorization from EXP. Your sales receipt or invoice, showing the date of purchase and the name of the authorized reseller, is your proof of the date of purchase. During the warranty period, EXP will at its option, replace or repair, at no charge, the product which in its opinion is defective.

Before you return the failed products, contact EXP. You must obtain a Return Merchandise Authorization (RMA) number by calling EXP Computer Inc. At (516) 496-7629. The RMA number should be displayed on the outside of the returned package and on the accompanying packing list. EXP cannot be held responsible for any package returned without the RMA number. You are responsible for packaging, providing proof of the date of purchase and the shipping cost of the failed product to EXP Computer, Inc. You are responsible for mailing the warranty registration card. The warranty claims may not be honored if there is no corresponding registration card on file at EXP.

IN NO EVENT WILL EXP BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGE, INCLUDING LOSS OF PROFIT, LOSS OF SAVINGS; OR ANY OTHER DAMAGES CAUSED BY PRODUCT OR FAILURE OF THE PRODUCT TO PERFORM.

THIS LIMITATION OF LIABILITY APPLIES EVEN IF EXP HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION IN INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION OR LIMITATION MAY NOT APPLY TO YOU.

FCC COMPLIANCE STATEMENTS

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the Distance between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

CAUTION

CHANGE OR MODIFICATIONS NOT EXPRESSLY APPROVED BY
PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE
USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

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INTRODUCTION

The CD TRAVELER brings the latest in mobile computing technology to notebook computer users with portability and convenience. The CD TRAVELER is a CD-ROM drive compliant with the PCMCIA 2.1(PC Card) standard. Featuring flexible power options, the CD TRAVELER may operate on either AC power or batteries. The CD TRAVELER is designed for both business and entertainment solutions.

SYSTEM REQUIREMENTS

1. Notebook or desktop computer with a PCMCIA 2.1 Type I, II or III slot.
2. MS-DOS Version 6.0 or higher with MSCDEX.EXE (for DOS/Windows users only) or Windows 95.
3. I/O Port 200-207 must be available for the Game Port I/O.

FEATURES

- Complies with PCMCIA 2.1 Standard
- MSCDEX compatible
- Easy-to-install device driver software
- Ultra slim PCMCIA Card
85.6 x 54.0 x 3.3 mm (Type I)
- CD-ROM Drive
Size: 164 x 250 x 50mm
Weight \leq 1.35 Kg
- PCMCIA power consumption:
+5V/300 mA (Standby),
+5V/500 mA (max.)
- Power source: AC adapter or batteries (1.5V AA size x 8)
- Battery life \geq 3 hours. (CD-ROM continuous video play)
- Windows 95 Ready
- Data capacity: 553MB (Mode 1)
635 MB (Mode 2)
- Motorized front tray loading
- Supports CD-Audio, CD-XA, CD-ROM mode 1 and 2, Multi-session Photo CD
- Audio function: Headphone output jack with volume control, Audio line-in jack
- Game Adapter
Size: 2.5"x 2.5"x 0.8"
Weight : 2 oz
Detachable design

PART NAMES AND FUNCTIONS

FRONT PANEL OF THE CD-ROM DRIVE

Disc Tray:

This disc tray is used to insert the compact disc.

Load/Stop button:

- Press this button to load the disc tray.
- When playing an Audio CD, pressing this button will put it into the stop state.

Power Indicator:

- This indicator will light with a green LED when the power is on.
- This LED will blink when battery power is low.

Play/Skip: (for CD Audio operation only)

- If the drive is in the stop state, pressing this button will activate the drive to start playing.
- If the drive is in play state, pressing this button will skip to the next track.

Headphone Volume Control Knob:

This rotary knob is used to adjust the volume of the headphone jack.

Power On/Busy LED:

This LED will light with a green LED when power is on.

This LED will blink when the drive is accessing the disc.

Headphone Jack:

3.5mm audio headphone jack.

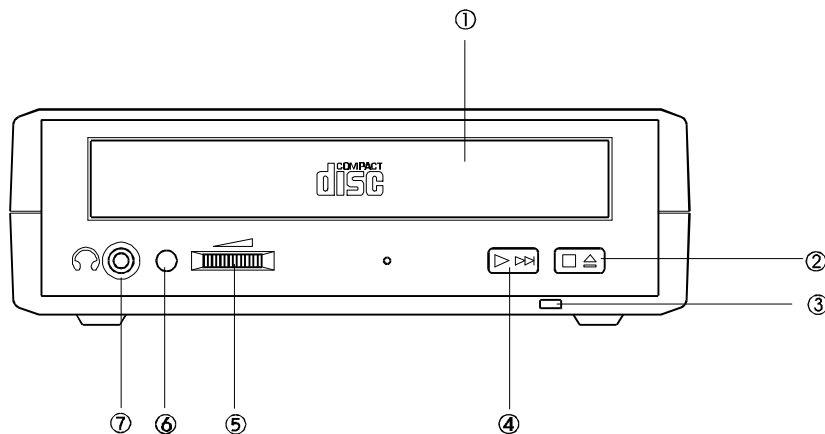


Figure 1

REAR PANEL OF THE CD-ROM DRIVE

Interface Connector:

This interface connector connects to the PCMCIA interface card.

DC in Jack:

This jack connects to the AC adapter.

Line out Jack:

This jack outputs audio signal to an amplifier.

DC Source Switch

This switch select DC power source for the CD-ROM drive.

There are two sources to choose from battery or AC adapter.

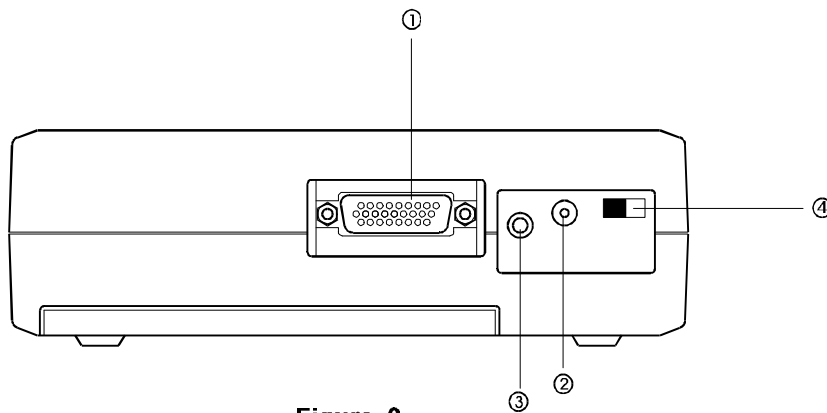


Figure 2

GAME ADAPTER

CD-ROM Connector:

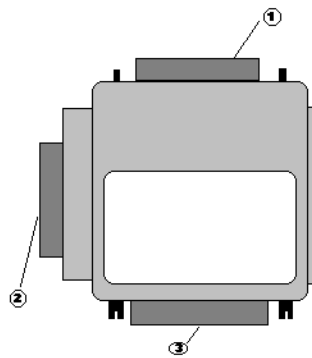
This connector connects to the CD-ROM drive.

Game Port:

This port connects to joystick or game-pad.

PC Card Connector:

Connector to PCMCIA(PC Card) interface card



CD TRAVELER WITH GAME-PAD AND PCMCIA CARD



POWER SOURCE

The CD TRAVELER can be either powered by the AC adapter or by the batteries as a flexible option. However, the AC adapter has a priority over the battery in powering the CD-ROM. That means if you connect the AC adapter, the CD TRAVELER will operate on it regardless if the batteries are installed.

The CD TRAVELER will be turned on automatically when your computer is powered on and the PCMCIA interface card is connected to the computer and initialized. On the other hand, when you turn off your computer or disconnect the PCMCIA interface card from your computer, the CD TRAVELER will be powered off automatically. Such convenient design ensures that users will not waste the battery power if the CD-ROM is not in use.

The POWER LED indicates the power state, it will always light up when the power supply is in the normal condition. The LED will flash if the power is insufficient caused by a malfunctioning AC adapter or if the batteries are reaching the end their service life. In this case, remove the old batteries and replace with new batteries, or check your AC adapter to see if it is defective or improperly connected.

CONNECT THE AC ADAPTER

1. Connect the AC adapter plug to the DC IN jack at the rear panel of the CD-ROM.
2. Attach the AC adapter to the AC power outlet.

CAUTION

Use only the AC adapter provided with this unit. Using the incorrect AC adapter will result in permanent and unpredictable damage to the CD TRAVELER.

INSTALLING THE BATTERIES

The CD TRAVELER requires eight AA size batteries (not included) for operation. When using alkaline batteries, the battery life may last for more than 3 hours if the CD TRAVELER is used in CD-ROM mode, it can be even longer when the CD TRAVELER is used in CD-Audio mode. You can also use NiCad rechargeable battery's which have a shorter service life. Both the rechargeable battery and the re-charger are NOT provided with this unit.

To install the batteries, follow the instruction below:

1. Remove the disc from the CD-ROM.
2. Power off the CD-ROM by disconnecting the PCMCIA interface card from your computer.
3. Turn over the CD-ROM drive and place horizontally.
4. Press and slide the battery lid in the direction of the arrow to remove it. (As shown in Figure 3)

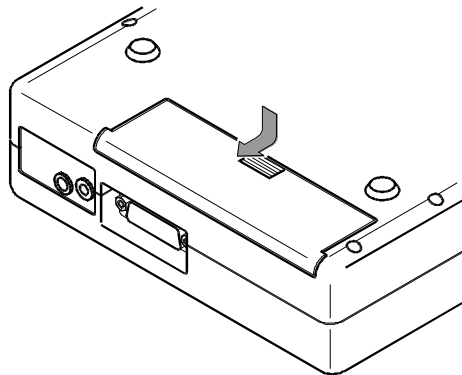


Figure 3

5. Install eight fresh AA batteries in the order as illustrated in Figure 4, and make sure polarities are aligned properly. It is recommended that you follow the order in the illustration to install the batteries with ease.
6. Please note that the battery ribbon must be arranged as shown in Figure 4. Otherwise, it will be difficult to remove the batteries.
7. Replace the battery lid.

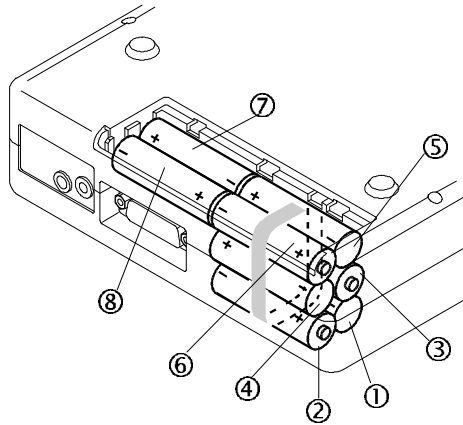


Figure 4

REMOVING THE BATTERIES

1. Remove the battery lid by sliding the cover in the direction of the arrow as shown in Figure 3.
2. Lift up the battery ribbon to eject the batteries from the battery compartment.

NOTICE

- Use only the AC adapter provided with this unit.
- If you will not use the unit with the AC adapter for a long period of time, disconnect it from the AC power outlet.
- Do not mix old and new batteries, or different type of batteries (carbon and alkaline, etc.)
- Always remove old, weak or worn-out batteries promptly and dispose of them properly.
- If you will not use this unit for a long period of time, remove the batteries and store them in a cool, dry place.
- Thoroughly clean the battery compartment before inserting new batteries.

HARDWARE INSTALLATION

INSTALL THE CD-ROM WITHOUT THE GAME ADAPTER

1. Connect the PCMCIA interface card to the CD-ROM drive. Press firmly until the CD-ROM connector is seated, and tighten the two screws on the cable connector.
2. Place the CD-ROM drive in the horizontal position. The CD-ROM is designed to operate only in the horizontal position. Operating the CD-ROM drive in any abnormal position is not recommended.
3. Make sure that the cable of the PCMCIA interface card is firmly connected to the interface connector at the back panel of the CD-ROM drive.
4. Locate the PCMCIA slot of your computer or consult your computer user's manual for its location.
5. Align the PCMCIA interface card with the arrow sign pointing toward the computer's slot. (Please note that the card is keyed to guide for proper insertion.)

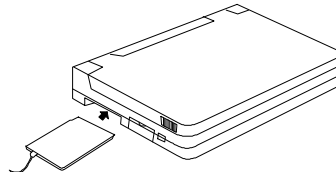


Figure 5

6. Slowly insert the PCMCIA interface card into the slot and press firmly until the connector is seated.
7. Turn the system ON to install the CD TRAVELER device driver. Please follow the Software Installation procedures.

NOTICE

You should connect the PCMCIA interface card to CD-ROM drive first before inserting the PCMCIA interface card into your computer. **DO NOT** connect/disconnect the CD-ROM PCMCIA interface card to/from the CD-ROM drive when the system is in the power-on state.

INSTALL CD-ROM WITH THE GAME ADAPTER

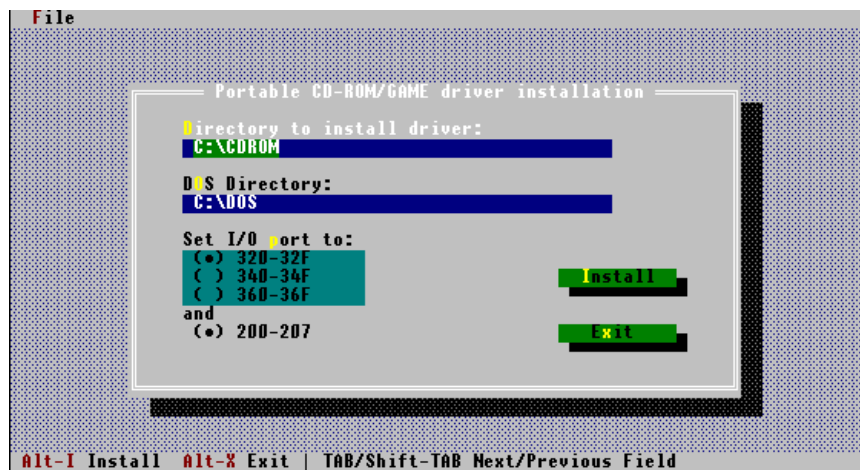
1. Connect the game adapter to CD-ROM drive, and tighten the two screws on the game adapter.
2. Connect the joystick or game-pad to game port
3. Connect the PCMCIA interface card to the Game Adapter, and tighten the two screws on the cable connector.
4. Place the CD-ROM drive in the horizontal position. The CD-ROM is designed to operate only in the horizontal position. Operating the CD-ROM drive in any abnormal position is not recommended.
5. Locate the PCMCIA slot of your computer or consult your computer user's manual for its location.
6. Align the PCMCIA interface card with the arrow sign pointing toward the computer's slot. (Please note that the card is keyed to guide for proper insertion.)
7. Slowly insert the PCMCIA interface card into the slot and press firmly until the connector is seated.
8. Turn the system ON to install the CD TRAVELER device driver. Please follow the Software Installation procedures.



SOFTWARE INSTALLATION FOR DOS/WINDOWS 3.1

The INSTALL program helps you install the device driver into the computer easily. Please follow the instructions below to proceed with automatic installation.

1. Insert the device driver diskette into a floppy disk drive on your computer.
2. Change the working directory to the floppy drive containing the device driver diskette by typing "A:" or "B:" then press ENTER.
3. At the DOS prompt (A:\> or B:\>), type "INSTALL" followed by the ENTER key.
4. Press ENTER or click on the OK button to continue. When the opening screen appears, a dialog box will be displayed for you to specify the 1), directory to install the device driver; 2), the DOS directory to specify the location of the MSCDEX driver, 3), the I/O port and 4), the IRQ desired for the CD TRAVELER. Enter the directory you select to install the driver and press the TAB key to forward to the next field to indicate the DOS Directory. Press the TAB key again to set the I/O port. The default setting of the I/O ports are (320-32F and 200-207). After completing the selection, click on the **Install** button to continue.



SOFTWARE INSTALLATION FOR WINDOWS 95

If your computer does not have Windows 95 installed yet, please refer to the section titled “Using CD TRAVELER to Install Windows 95”.

USING CD TRAVELER UNDER WINDOWS 95

The following dialog box will appear when you are using the CD TRAVELER under Windows 95 for the very first time.

If the dialog box does not appear and the CD-ROM folder can not be found in My Computer, please refer to the section titled “Enabling 32-Bit Card Support”.

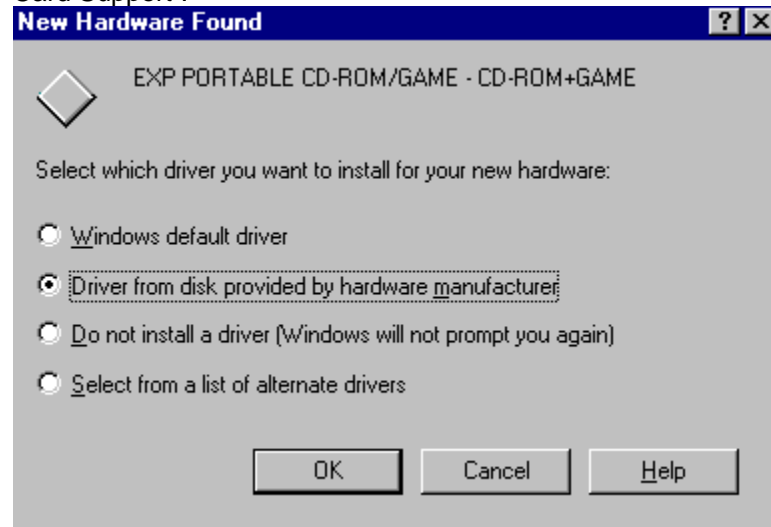
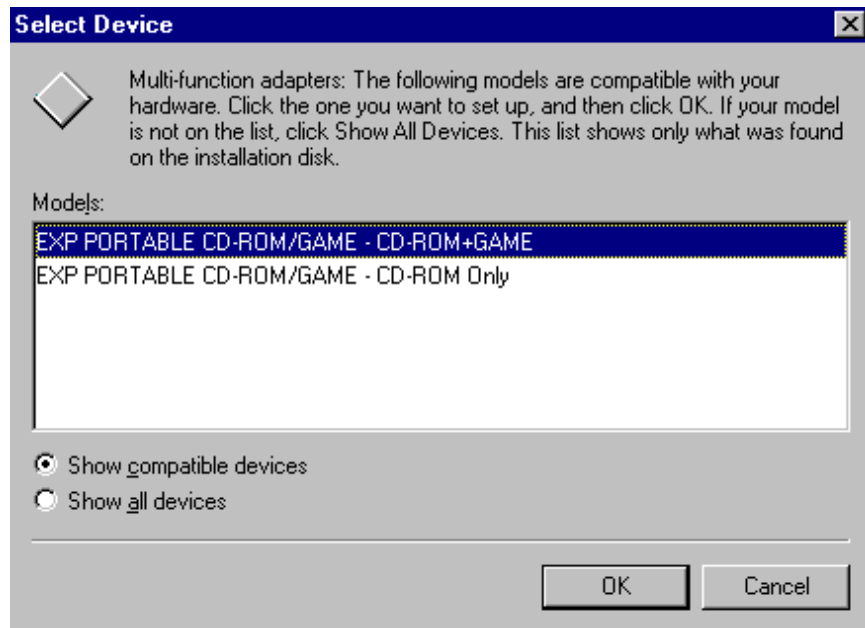


Figure 7

Select “Driver from disk provided by hardware manufacturer” and click on OK button, Windows 95 will then prompt you to insert the manufacturer’s installation disk. Insert the CD TRAVELER device driver disk into your floppy drive. Specify the directory as A:\ or B:\ whichever containing the diskette and select OK.

When the next dialog box appear, select “Portable CD-ROM” or “Portable CD-ROM + Game “ and click on the OK bottom.



Follow the on-screen instruction to continue. After finishing, remember to shutdown Windows and restart your computer if you are using the CD TRAVELER to install Windows 95.

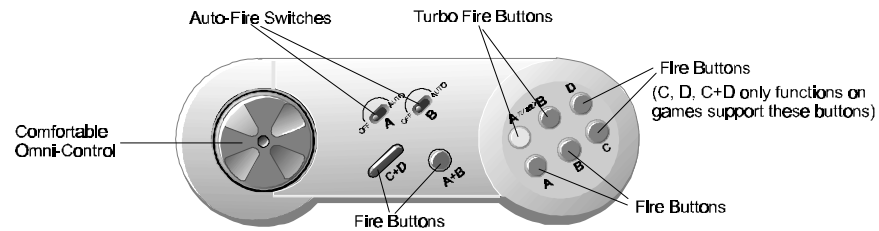
JOYSTICK CALIBRATION

After the installation procedure has been completed, please check to see if the Game Port is functioning correctly by performing the following steps.

- 1) Select Control Panel from My Computer.
- 2) Select Joystick.
- 3) Click on "Calibrate..." and then "Test..."
- 4) Follow the on-screen instructions to finish the joystick calibration.

If the PCMCIA Game card is not connected properly to the PCMCIA socket, clicking on the Joystick icon will cause nothing to happen. On the other hand, if the PCMCIA Game card is not connected properly to the joystick, "Calibrate..." and "Test..." will not be displayed, and you will not be able to calibrate the joystick at all.

GAME-PAD CONTROLLER DESCRIPTION



NOTICE

1. The I/O address 200-207 of your computer must be available, or the Game port will not work properly.
2. It is not necessary to connect the CD TRAVELER every time you reboot your computer; plug it just when you need to use it.
3. Even you install the CD-ROM + GAME driver, you are allowed to use the CD-ROM without the Game Adapter attached.

USING CD TRAVELER TO INSTALL WINDOWS 95

If you are about to upgrade your operating system from DOS/Windows to Windows 95 using the CD TRAVELER, the CD TRAVELER DOS device driver as described in the "Software Installation for DOS/Windows" section should be properly installed first before proceeding further. Then, perform the following steps to install Windows 95.

1. Start Windows 3.1.
2. Insert the Windows 95 CD into the CD TRAVELER.
3. Run File Manager and select the CD TRAVELER drive.
4. Find and double-click the file **setup.exe**.
5. Follow the on-screen instructions to complete the installation of Windows 95.
6. After the installation is completed, please refer to the next section titled "Enabling 32-BIT CARD SUPPORT".

ENABLING 32-BIT CARD SUPPORT OF WINDOWS 95

Your system should be ready for PCMCIA socket support prior to operating the CD TRAVELER. To check whether your computer is PCMCIA Socket supported, first, double-click on the “System” icon from “Control Panel” folder (you can select the “Control Panel” under “Settings” from the “Start” menu to open the “Control Panel” folder).

Click on the Device Manager Tab. If “PCMCIA Socket” is found with a cross (x) sign next to the PCMCIA Controller as Figure 9, it means the PCMCIA device driver is not using 32-Bit Card Support.

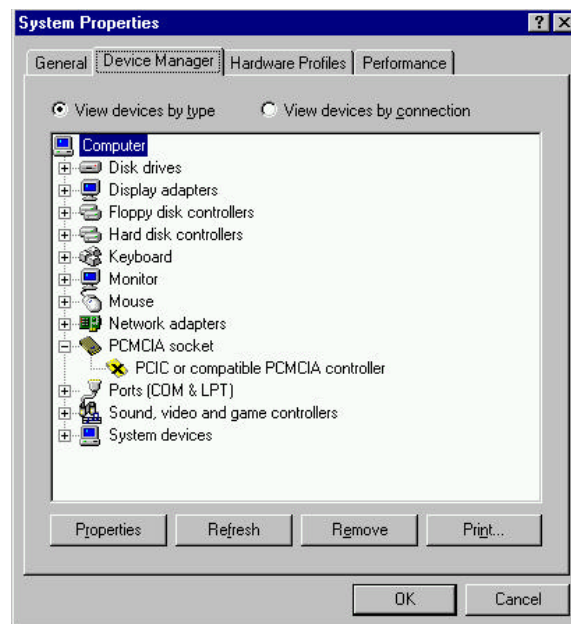


Figure 9

In this case, double click on the PCMCIA Controller, and a dialog box will be displayed as below. Please place a check mark next to the current configuration of Device usage box, then select OK.

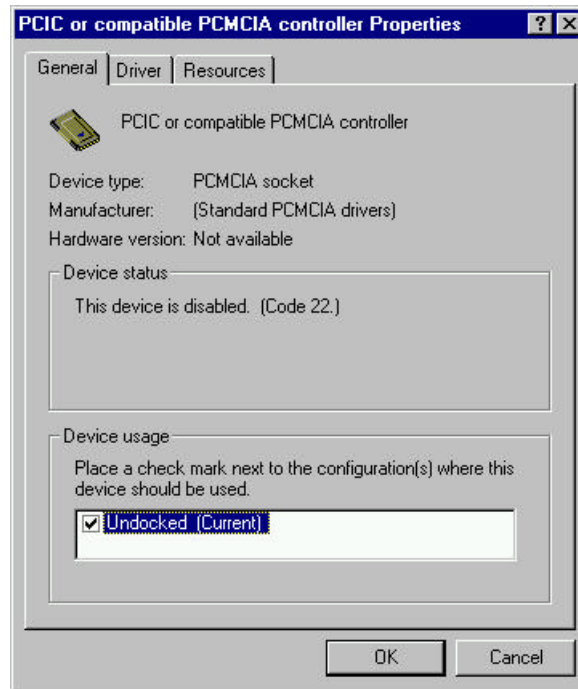


Figure 10

After the PCMCIA 32-Bit Card support is installed, Windows will ask you to reboot your computer. Then you should refer to the first section titled "Using CD-ROM Under Windows 95" to configure the CD TRAVELER.

If the PCMCIA Socket is not found, then you must add a PCMCIA socket to your system. Please click on the "Add New Hardware" icon in the Control Panel folder and select "PCMCIA socket". Select the appropriate type of PCMCIA Controller that matches with yours and follow the on-screen instructions.

USING THE PCMCIA CD-ROM WITH A COMPUTER

Make sure the AC adapter is properly connected or the batteries are installed.

CAUTION

Connect the PCMCIA interface cable to the CD-ROM drive before inserting the PCMCIA interface card into your computer. DO NOT connect/disconnect the PCMCIA interface cable to/from the CD-ROM drive while the card is inserted and the system is in power-on state.

Once the PCMCIA card is initialized, the computer will control the power to the PCMCIA CD-ROM drive. As a result, the POWER button at the rear panel will not function in this mode. The drive will remain inactive until the first command from the computer is accepted, then the drive will begin to spin to reach its highest speed. DO NOT CHANGE THE POWER SOURCE SWITCH WHEN THE PCMCIA CD-ROM IS POWERED ON.

SETTING UP YOUR SOFTWARE

DOS/Windows 3.x

Most of the CD-ROM titles for Windows 3.1/3.11 contain the SETUP.EXE or INSTALL.EXE program in the CD disc. You need to start either one of the programs to add a Program Group and its icons into your computer, and perform the following,

- 1) In Program Manager, click "File" then click "Run"
- 2) Type in D: (or the drive letter assigned for CD-ROM) **SETUP.EXE** or **INSTALL.EXE**
- 3) Follow the on-screen instructions.
- 4) After complete setting up, click the icon for the program.

Windows 95

The CD-ROM for the Windows 95 titles include the **AUTO RUN** feature. This means when you close the disc cover with this type of CD disc inside, Windows 95 will start the opening screen automatically. You can add the program, browse content of the CD, etc. from this screen.

The other procedure is from '**Control Panel.**' Click on '**Add/Remove Programs**' icon, click on the '**Install**' button then follow the on screen instructions.

HOT INSERT/REMOVE THE PCMCIA CD-ROM

The PCMCIA interface specification defines that you may hot insert/remove the PCMCIA interface card, which means you can insert, remove or exchange the card from your system at any time without rebooting or turning off your system.

However, for any given system, the PCMCIA CD-ROM, being a storage device itself, can not be hot removed when it is in use by a program. To avoid some sort of system failure, read the following carefully before using hot-removal technology.

DOS/Windows 3.X

you are allowed to hot insert/remove the PCMCIA CD-ROM **ONLY** when your computer is loaded with a PCMCIA software which is ExCA compliant. If your system doesn't have such software, it is necessary to connect the PCMCIA CD-ROM first before your computer is being booted. Do not hot remove the card when the CD-ROM is accessing the data.

Windows 95

The hot-swapping is allowed with more limitation. To avoid system failure, always follow the below steps to hot remove the PCMCIA CD-ROM in Windows 95,

- 1) Click the PC card indicator on the task bar at the right bottom of screen.
- 2) Click the command to stop the card you want to remove.
- 3) Read the screen prompts instruction carefully. If the system prompts you not to remove the card, **DO NOT** remove the card. You should exit the present application and return to step 1.

Be sure you are removing the card by the procedures described above, otherwise, the following dialog will be displayed: (Figure 15)



Figure 15

To display the PC Card indicator on the task bar, perform the following steps,

1. Double-click the PC Card (PCMCIA) icon in the Control Panel.

2. Make sure that the box 'Show the control on task bar' is checked.

If the PC Card (PCMCIA) wizard appears when you click the button in step 1, complete the PC Card installation procedures guided by the wizard. After restarting your computer, double-click the PC Card (PCMCIA) icon in the Control Panel, and then make sure the 'Show control on taskbar' box is checked.

NOTICE

While operating the CD-ROM, the speed of your computer's CPU and display card will dominate the overall performance, especially when playing full motion video. Slow display speed often causes "still frames". In our testing, some computers are capable of performing as high as 15 frames/sec; however, some can only achieve 2 frames/sec.

HOW TO PLAY THE AUDIO CD

Windows 3.1

The CD-Audio CDs can be played on your PCMCIA CD-ROM by using CD Audio software utilities, such as the Media Player in Windows 3.1. To use Media Player, you must have the [MCI] CD Audio driver installed. Make sure the CD-Audio disc is installed in the CD-ROM drive. The CD Audio driver is installed through the Control Panel. Go into the Drivers and ADD **[MCI] CD Audio**. The installation will require one of the Windows diskettes to install the driver.

The driver file name is MCICDA.DRV. This should be in the System directory.

The system.ini should then have the driver listed in the section

```
[mci]
CDAudio=mcicda.drv
```

The mplayer.ini should have:

```
[Options]
CDAudio=62
```

```
[Devices]
CDAudio=2553, CD Audio
```

Windows 95

Click on “Start” button then choose “Programs”, then “Accessories”, then “Multimedia” then click on the **CD Player** Icon.

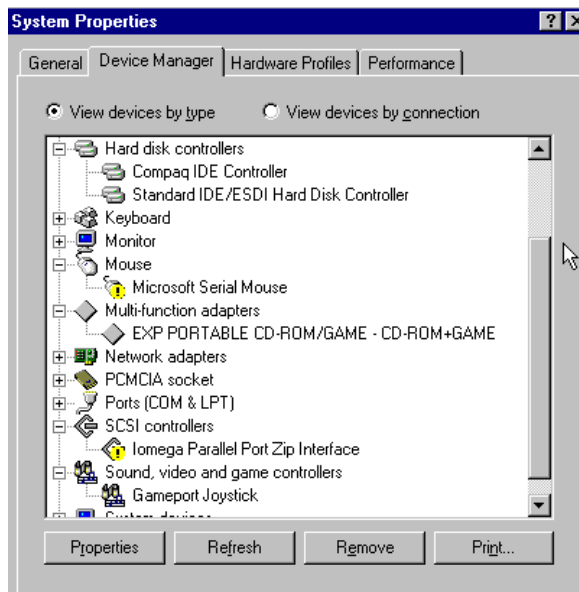
If you do not have the Accessories Group or Multimedia Group, the options may have not installed during Windows 95 set up. Click the Start button, go to Setting => Control Panel click on Add/Remove Programs then Windows Setup Tab. Place a check mark on the box for missing programs and Windows 95 setup will install the **CD Player** for you.

TROUBLE SHOOTING

Windows 95

The Windows 95 32-bit mode plug-n-play drivers will automatically allocate the hardware resources for CD Traveler, therefore, you do not need to choose the I/Os during the installation. However, if the system is not working properly you still can select the I/Os by proper procedures. Be sure you have the card inserted before doing the configuration change.

1. Go to "Control Panel"
2. Double click at "System" icon
3. Select "Device Manager"
4. If you are using CD-ROM + Game, click at "Multi-function adapters" and highlight "Portable CD-ROM + Game"



5. If you are using CD-ROM only, click "Hard disk controller" and highlight "Portable CD-ROM"
6. Double click at the device you choose and select the "Resource" at the pop-up windows, uncheck the "use automatic settings"
7. You can change the I/Os or IRQs by clicking at them
8. Make sure the "Conflicting device list" shows "No conflicts".

9. Click "OK" when finishing, system may ask you to reboot the computer to enable the new settings

Remove or re-install the driver

If you want to remove, re-install or upgrade the driver you have installed, you need to remove the old driver first which can be done by highlighting the EXP device driver under "Device Manager", then click at "Remove" button.

Game Port Problems

If you are experiencing the problem with the Game Port, be sure

1. The I/O 200-207 is available on your system, if not, please contact the system manufacturer for supports.
2. No pre-installed "Gameport Joystick" driver on your system, otherwise you need to remove the pre-installed "Gameport Joystick" driver which is under the Device Manager's "Sound video and game controllers" device list.
3. The game-pad(or joystick) connected firmly to the game port.

DOS/Windows3.X

After rebooting your computer, the following messages will be displayed on your screen, which are generated by EXPCDG.EXE and MSCDEX.EXE.

Configure card to:

I/O Port:320-32F, 200-207

Device Name: MSCD001

PCMCIA card is present in socket 1

.
.
.

Drive D: = Driver MSCD001 unit 0

If any error occurs or the CD TRAVELER does not work, you should reboot your computer again. When the system displays 'Starting MS-DOS...', press the F8 key to make the system executes the CONFIG.SYS and AUTOEXEC.BAT step by step, so that you can consistently press the 'Y' key to see each command's message.

Error messages generated by EXPCDG.EXE:

Error: PCMCIA card is not present!

If the above message appears, it means EXPCDG.EXE can't find any PCMCIA card in your PCMCIA slots. Make sure the card is inserted firmly.

Error: Illegal I/O port!

The above message means invalid I/O ports in the EXPCDG line of CONFIG.SYS has been selected. The legal I/O port numbers are: 1, 2, and 3.

Error: There is no available 4K memory for mapping!

The above message means EXPCDI can't find available 4K memory between C000:0 to EFFF:0. This error can be corrected by changing the

EMM386 line of CONFIG.SYS to exclude at least 4K memory for mapping. For example,

```
DEVICE=C:\DOS\EMM386.EXE X=D000-D3FF
```

Error: The INTEL 82365SL PCMCIA controller is not detected in your system. You should contact your dealer to get PCMCIA support software.

The above message means the PCMCIA controller for your system is not INTEL 82365SL compatible. In this case, you should install PCMCIA support software which should be supplied by the notebook manufacturer.

CD-ROM Drive is not found!

The above message means EXPCDG.EXE can't find the CD TRAVELER drive. Please make sure the CD-ROM drive is properly connected to the PCMCIA interface card cable and the power cord is connected(or batteries are loaded).

Error message generated by MSCDEX.EXE:

Device driver not found: 'MSCD001'

This means that EXPCDG.EXE is not installed properly or you have entered a different /D: switch in the MSCDEX line of AUTOEXEC.BAT. The /D: switch must be the same as the /D: switch in the EXPCDG.EXE line of CONFIG.SYS.

If the error message displayed is none of the above, please contact your dealer to obtain customer support.

PCMCIA(PC CARD) SOFTWARE INFORMATION

If you have installed the PCMCIA software, such as SystemSoft's CardSoft or Databook's Cardtalk, then EXPCDG.EXE will call this PCMCIA software to enable the card. If you don't have one, the EXPCDG still can directly access your hardware to enable the card. In this case, your computer should have an Intel 82365SL Personal Computer Interface Controller (PCIC) or another compatible controller.

PCMCIA software contains several components: Socket services, Card Services, Resource Initialization Utility and Card Installation Utility. The remainder of this section will explain the four components and list the device driver names for the major PCMCIA software.

Socket Services provide the interface between a system's BIOS and the host controller chips (such as the Intel 82365SL PCIC, Vadem 468, etc.) Socket Services includes functions such as configuring a socket for an I/O or memory interface and controlling socket power voltages. The Socket Services driver you have varies with the host computer chip of your computer.

Card Services provides the interface between the PC Card and the PCMCIA sockets. Card Services must be aware of the I/O, IRQ, and memory resources already used by the system so it can accurately assign unused resources to the PC Cards.

To ensure Card Services will operate reliably regardless of the system it is installed on, some PCMCIA software provides its own resource initialization utility, which will check I/O ports, IRQs, and memory addresses and then report that information to Card Services.

The Card Installation Utility detects the insertion and removal of PC cards, and automatically determines the card type upon insertion so the card and socket will be configured properly.

The device driver names of the major PCMCIA software are listed below:

Software/Device Driver	SystemSoft CardSoft	Phoenix	Award Cardware	IBM ThinkPad
Socket Services	SS365SL.EXE, SS365LP.EXE, SSCIRRUS.EXE, SSDBOOK.EXE, SVADEM.EXE, SSVLSI.EXE	PCMSS.EXE	SSPCIC.EXE	IBMDSS02.SYS
Card Services	CS.EXE	PCMCS.EXE	PCCS.EXE	IBMDOSCS.SYS
Resource Initialization Utility	CSALLOC.EXE	PCMRMAN.SYS	PCRM.EXE	DICRMU02.SYS
IDE/ATA Driver	ATADRV.EXE	PCMATA.SYS		
SRAM Card Driver	MTSRAM.EXE			
Flash Card Support	MTAA.EXE, MTAB.EXE, MTI1.EXE MTI2P.EXE			
Memory Card Driver	MEMDRV.EXE			
Card Installation Utility	CARDID.EXE	PCMSCD.EXE	PCENABLE.EXE	AUTODRV.SYS
Card Services Power Management	CS_APM.EXE			\$ICPMDOS.SYS

POWER SAVING

The CD TRAVELER may operate with an AC adapter or batteries. Use of the supplied AC Adapter will provide the power for use as a portable CD player, or to extend the computer's battery life.

The CD TRAVELER drive will automatically enter the sleep mode (spindle off) when it has not been accessed for about 5 minutes. Also, you can manually get to the sleep mode by removing the Compact Disc (CD) from your CD-ROM drive. The operating current will then be reduced to 120 mA.

The "Hot insert/remove" feature of a PCMCIA card helps to save power. If PCMCIA software that is Exchangeable Card Architecture (ExCA) compliant has been loaded on to your computer, then you can remove the CD TRAVELER after the system has been booted, and insert it again when you need to use the CD-ROM device. For notebook computer users, removing the card will preserve power and prolong battery life.

NOTICE

It is acceptable to remove and insert the CD TRAVELER from your computer at any time, however, DO NOT disconnect the PCMCIA card from your CD-ROM drive.